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ABSTRACT

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PORTABLE ENVIRONMENTAL CONTAINMENT SYSTEM

A temporary berm or bin system, easily transported, erected without tools, and easily dismantled. A set of panels or planks is joined with sliding clips to form a bin having vertical or near vertical sides. The bin is lined with an impervious sheet of geocloth to form a containment berm for use in controlling the dispersal of hazardous material spilled from storage or work facilities. Spring loaded clamps hold the geocloth securely to the uppermost plank without nailing, sewing, or other labor consuming and/or tear prone methods. The berm is particularly suited to protect oil well drilling sites in environmentally sensitive environments such as arctic tundra. No excavation or other disturbance of the soil is required to erect the protective berm. The berm is secured to the ground by spiking through triangular support gussets. In the arctic, securing may be accomplished by freezing ice or mud as an "ice mortar" over the gusset feet and along the lower edge of the planking. The berm system may be transported by ordinary truck, specially adapted transport/laying truck, or on a portable drilling platform.

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